

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: WEINBERG, J. BRICE
HAYNES, BARTON F.
- (ii) TITLE OF INVENTION: AN ADHESION MOLECULE
- (iii) NUMBER OF SEQUENCES: 16
- (iv) CORRESPONDENCE ADDRESS:
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(D) STATE: VIRGINIA
(E) COUNTRY: U.S.A.
(F) ZIP: 22201-4714
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- 41
(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/047,068
(B) FILING DATE: 16-APR-1993
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 07/945,581
(B) FILING DATE: 16-SEP-1992
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 07/682,518
(B) FILING DATE: 09-APR-1991
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 07/669,730
(B) FILING DATE: 15-MAR-1991
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: WILSON, MARY J.
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(C) REFERENCE/DOCKET NUMBER: 1579-21
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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 22 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- H

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Cys Glu Lys Asn Gly Arg Tyr Ser Ile Ser Arg Thr Glu Ala Ala Asp
1 5 10 15

Cys Cys Lys Ala Phe Asn
20

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Cys Asn Thr Ser Gln Tyr Asp Thr Tyr Cys Phe Asn Ala Ser Ala Pro
1 5 10 15

Pro Glu Glu Asp Cys Thr Ser
20

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 32 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Thr Asn
1 5 10 15

Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
20 25 30

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 42 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Ile Asn
1 5 10 15

Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
20 25 30

H

Gly Ser Ser Ser Glu Arg Ser Ser Thr Ser
35 40

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Cys Tyr Arg Thr Asn Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp
1 5 10 15
Asp Asp Val Ser Ser
20

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Cys Thr Val His Pro Ile Pro Asp Glu Asp Ser Pro Trp Ile Thr Asp
1 5 10 15
Ser Thr Pro Arg Ile
20

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

Asp Ser Pro Trp Ile Thr Asp Ser Thr Asp Arg Ile Phe Ala Thr Arg
1 5 10 15
Asp Gln Asp Thr Ile
20

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 35 amino acids
(B) TYPE: amino acid

A

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Cys Ala Thr Arg Asp Gln Asp Thr Phe His Pro Ser Gly Gly Ser His
1 5 10 15
Thr Thr His Glu Ser Glu Asp Gly His Ser His Gly Ser Gln Glu Gly
20 25 30
Gly Ala Asn
35

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 13 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

Cys Arg Asp Gly Ile Arg Tyr Val Gln Lys Gly Glu Tyr
1 5 10

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 7 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

Pro Ser Asn Pro Thr Asp Asp
1 5

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

Thr Ser Gly Gly Tyr Ile Phe Tyr Thr Phe
1 5 10

H

(2) INFORMATION FOR SEQ ID NO:12:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 31 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

Leu Cys Leu Val Pro Leu Ser Leu Ala Gln Ile Asp Leu Asn Ile Thr
1 5 10 15
Cys Arg Phe Ala Gly Val Phe His Val Glu Lys Asn Gly Arg Tyr
20 25 30

(2) INFORMATION FOR SEQ ID NO:13:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 28 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

Leu Cys Lys Ala Phe Asn Ser Thr Leu Pro Thr Met Ala Gln Met Glu
1 5 10 15
Lys Ala Leu Ser Ile Gly Phe Glu Thr Cys Arg Tyr
20 25

(2) INFORMATION FOR SEQ ID NO:14:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 21 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

Cys Arg Tyr Gly Phe Ile Glu Gly His Val Val Ile Pro Arg Ile His
1 5 10 15
Pro Asn Ser Ile Cys
20

(2) INFORMATION FOR SEQ ID NO:15:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:

Arg Tyr Gly Phe Ile Glu Gly His Val Val Ile Pro Arg Ile His Pro
1 5 10 15

Asn Ser Ile

(2) INFORMATION FOR SEQ ID NO:16:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 11 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:

Leu Thr Tyr Asn Thr Ser Gln Tyr Asp Thr Tyr
1 5 10

A